

100

Figure 1

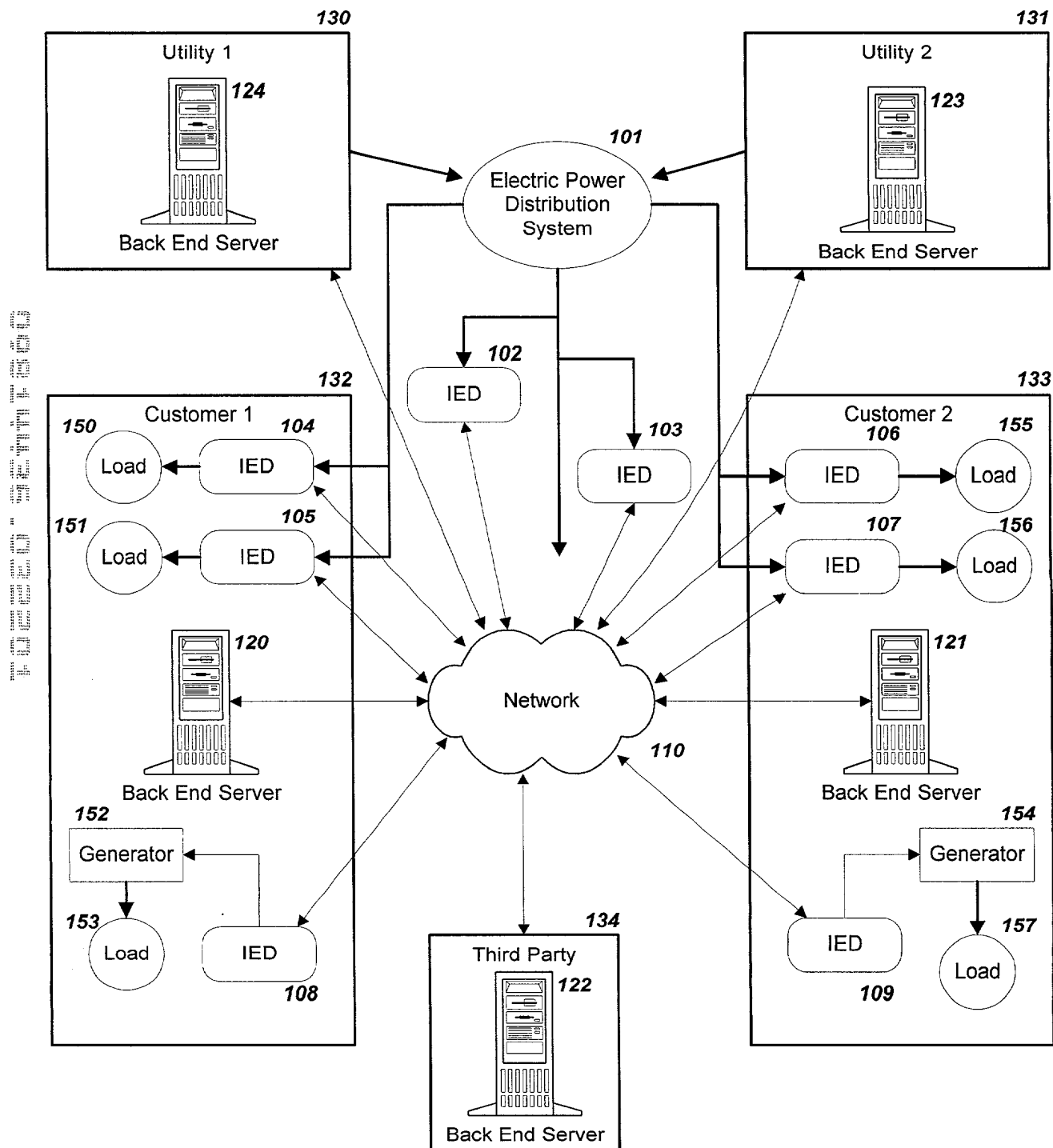


Figure 2a

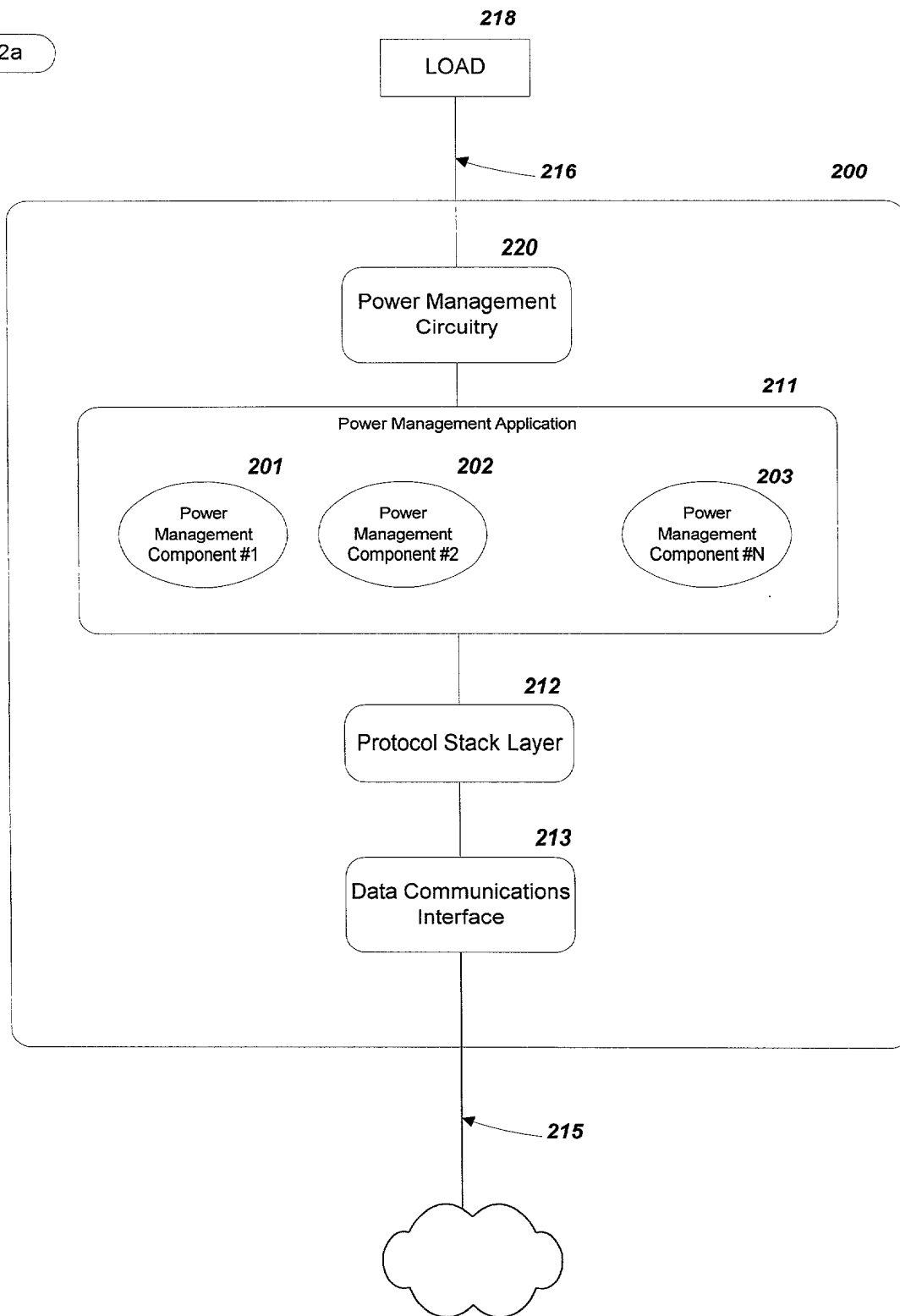


Figure 2b

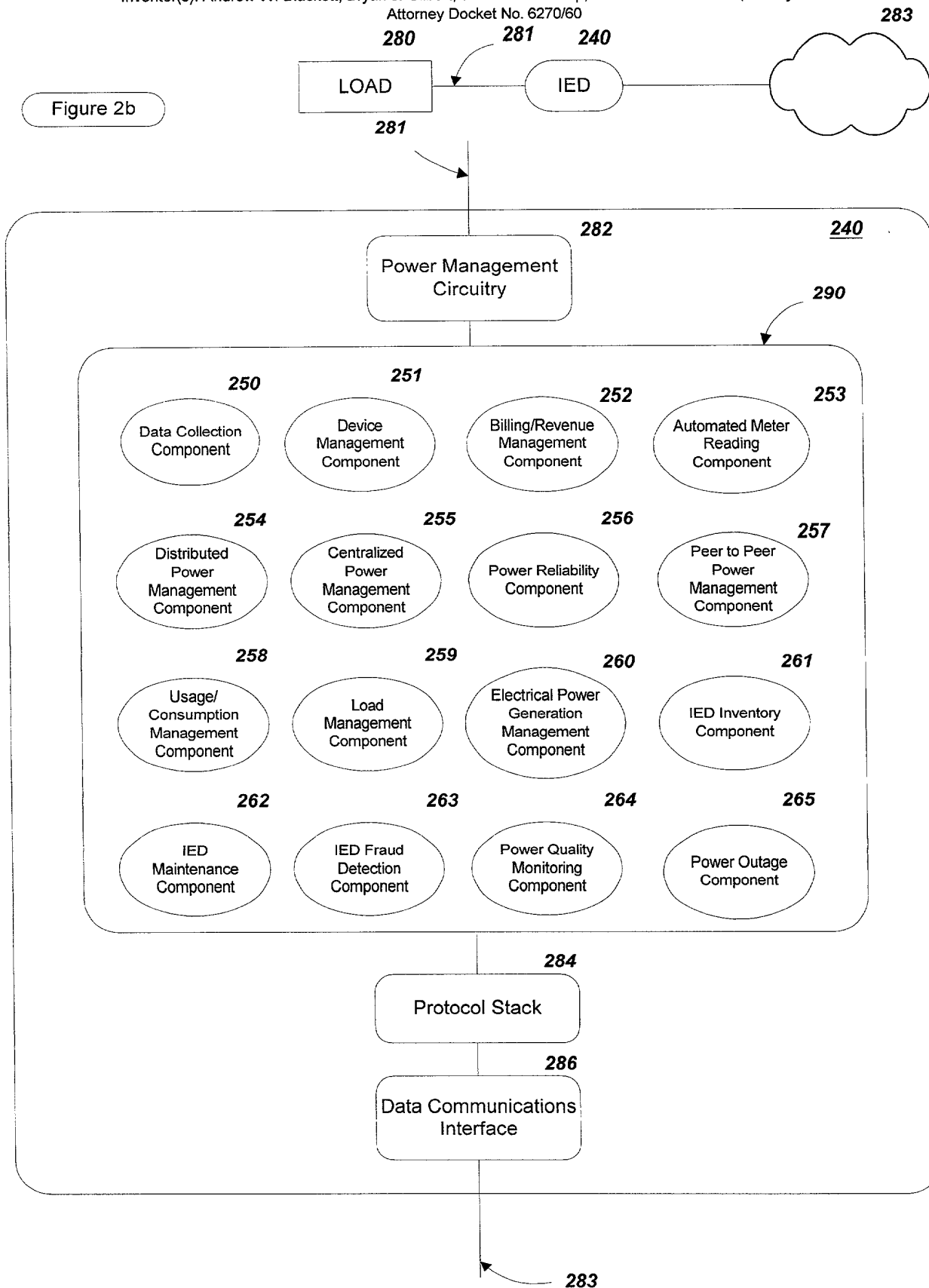


Figure 3a

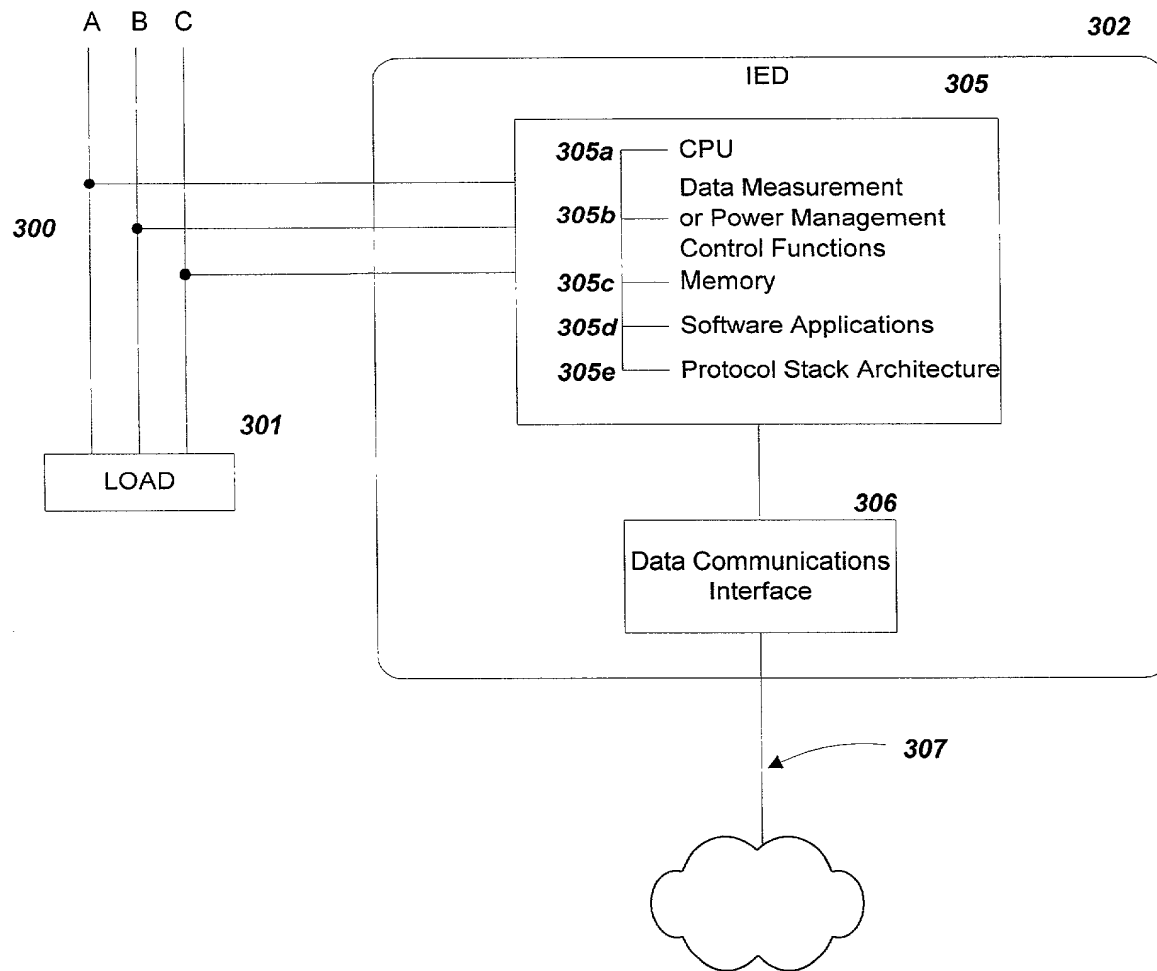


Figure 3b

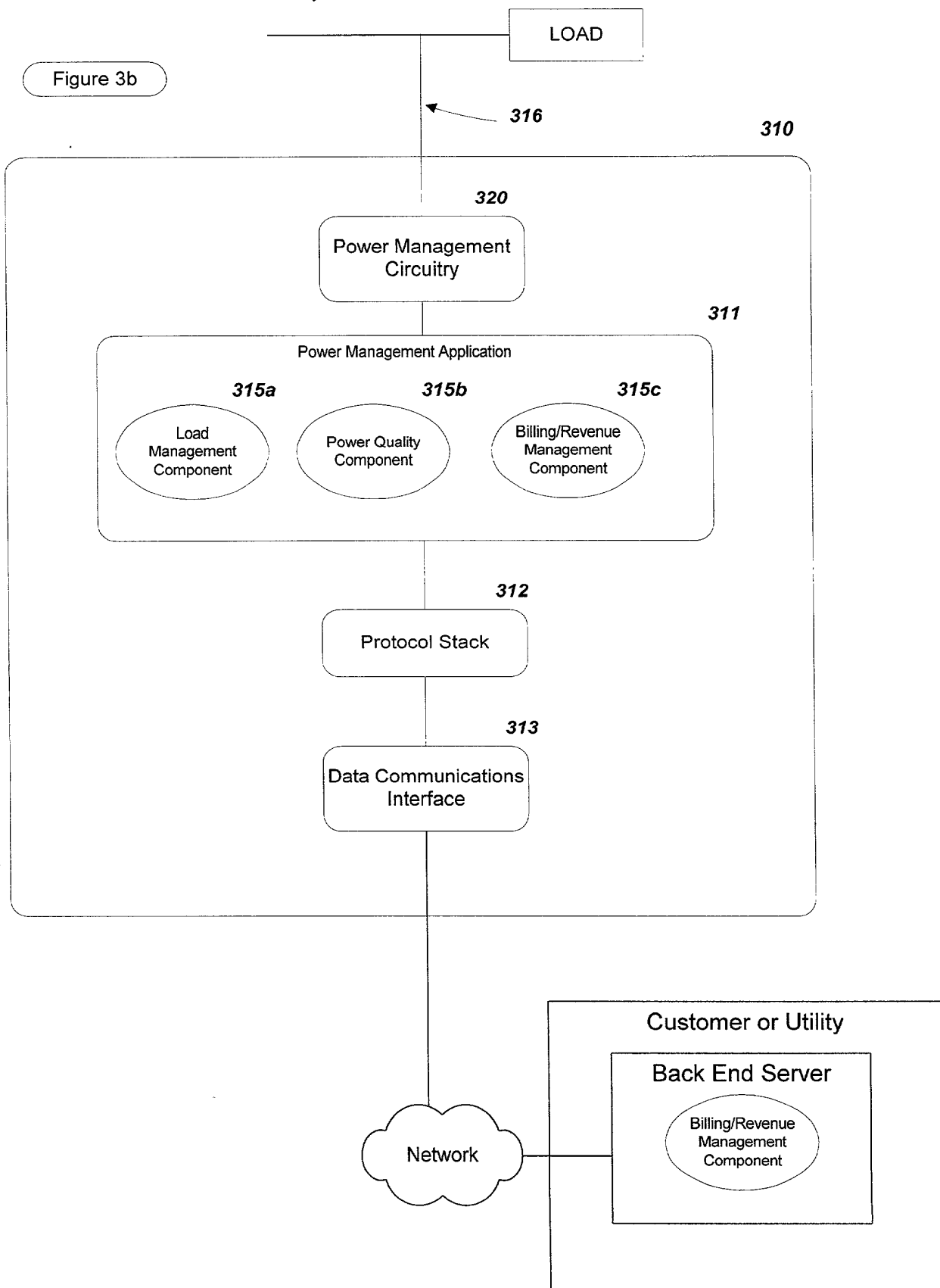


Figure 3c

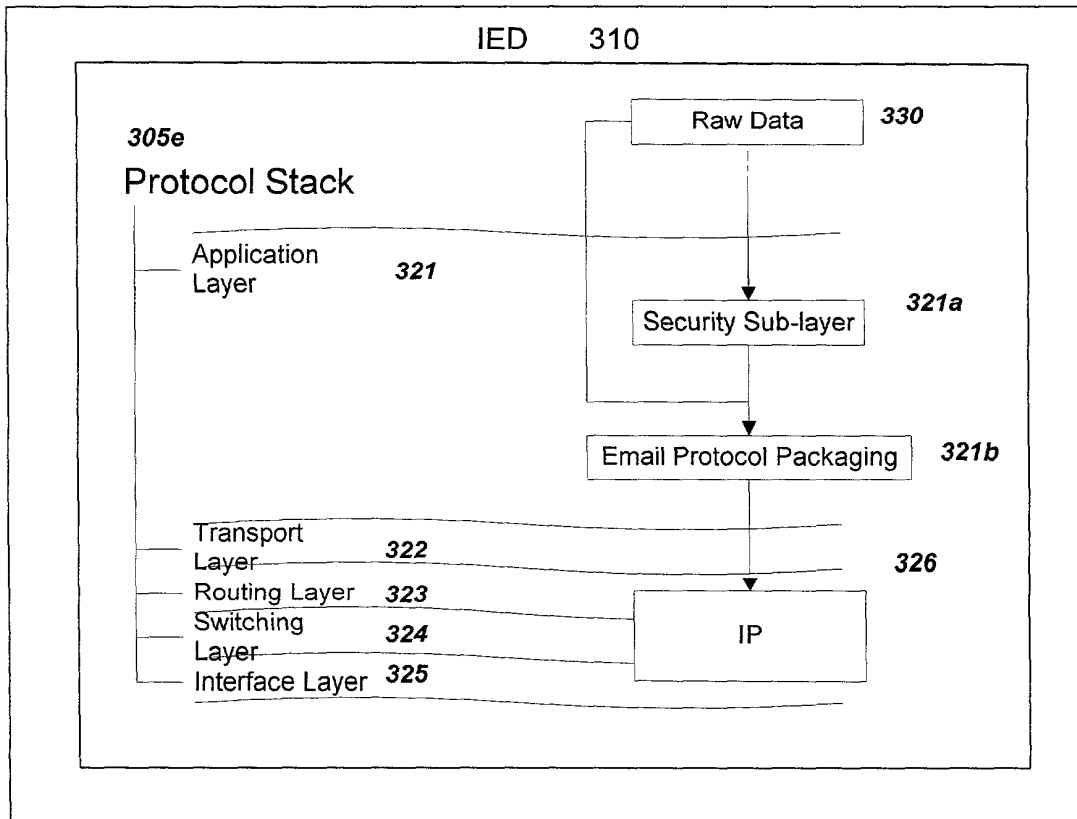


Figure 4a

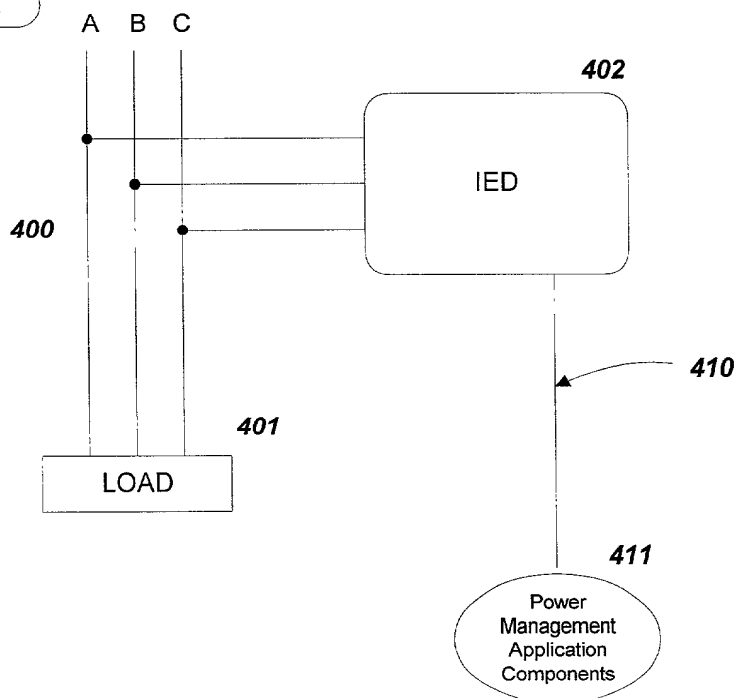
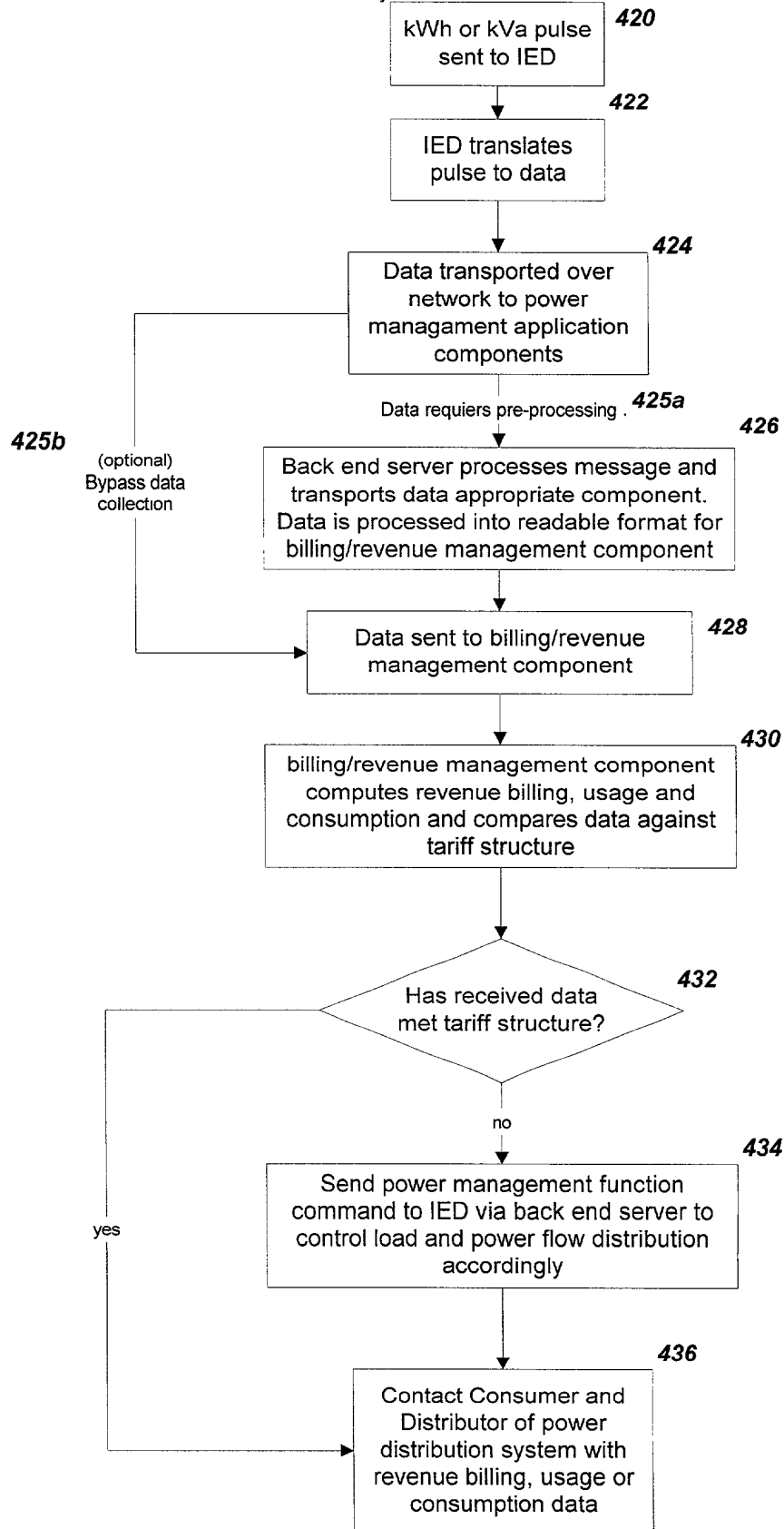


Figure 4b



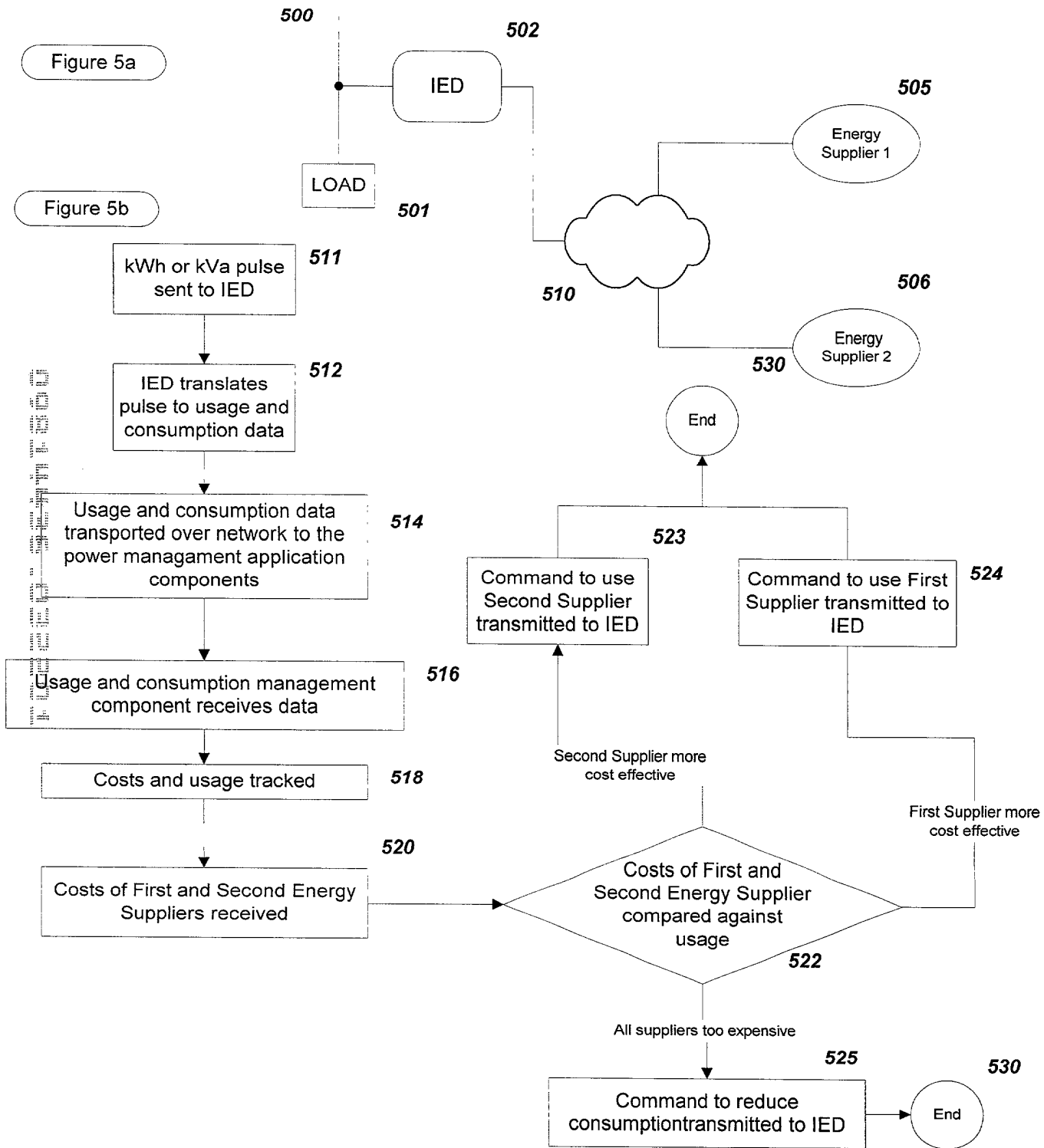


Figure 6

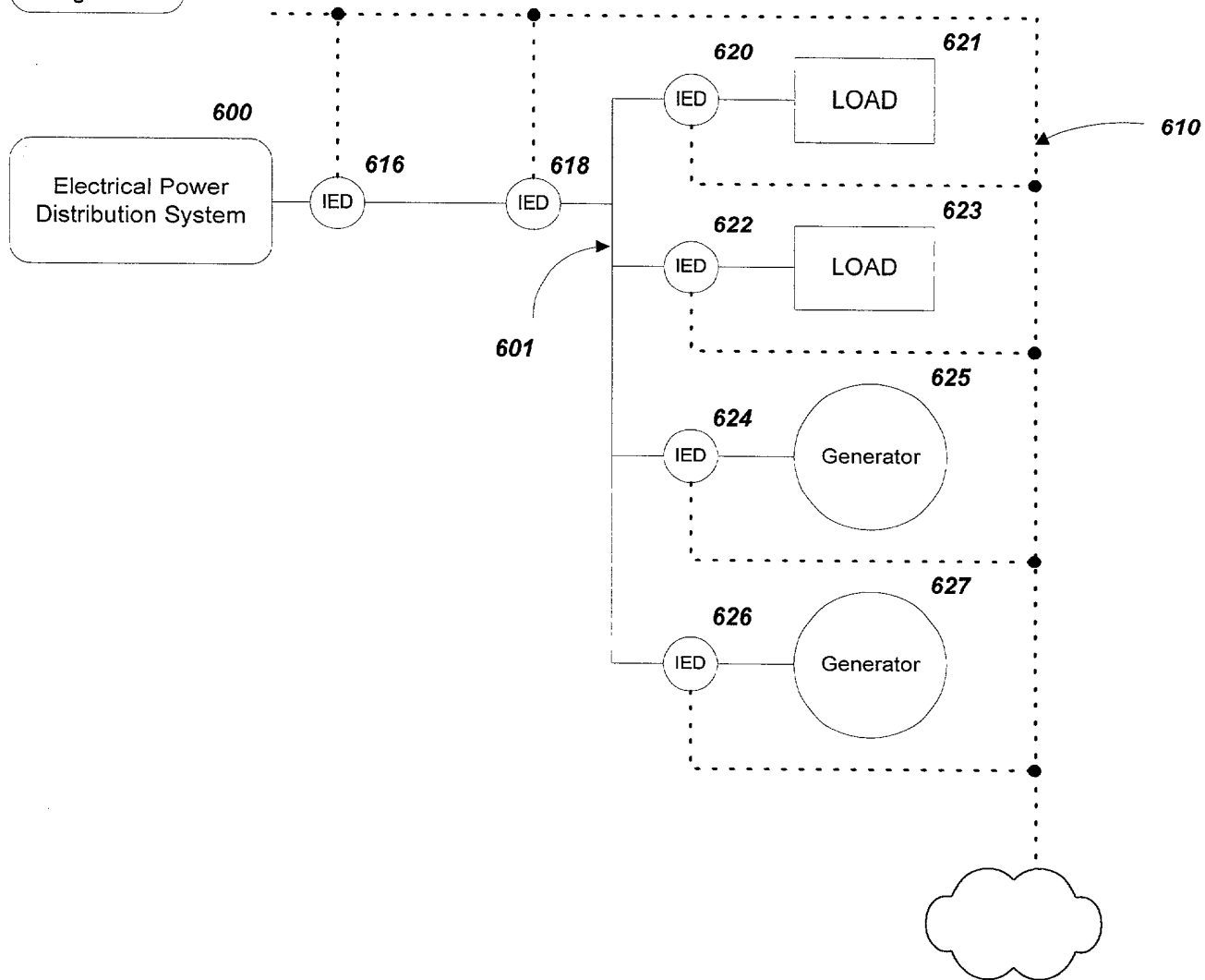


Figure 7

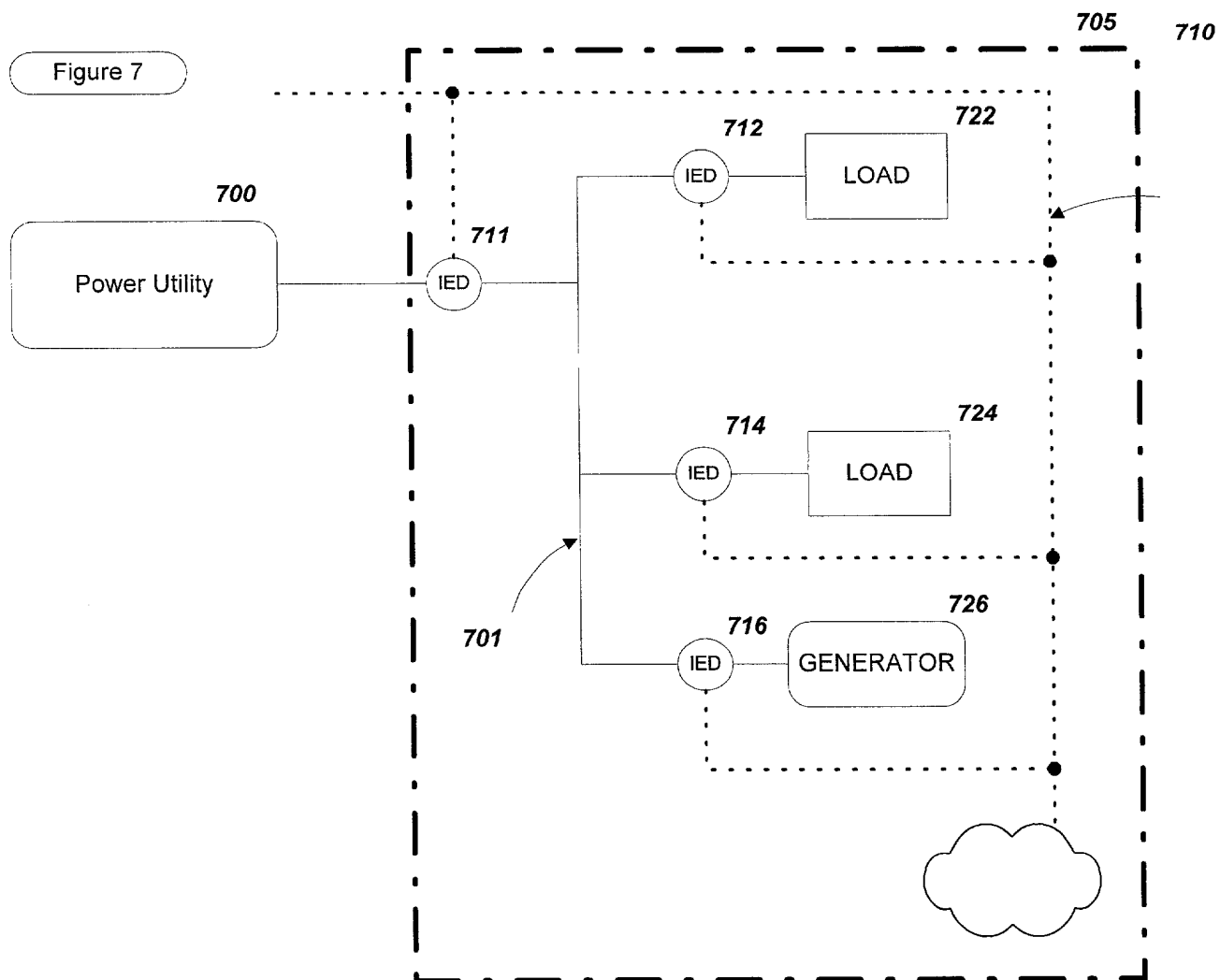


Figure 8

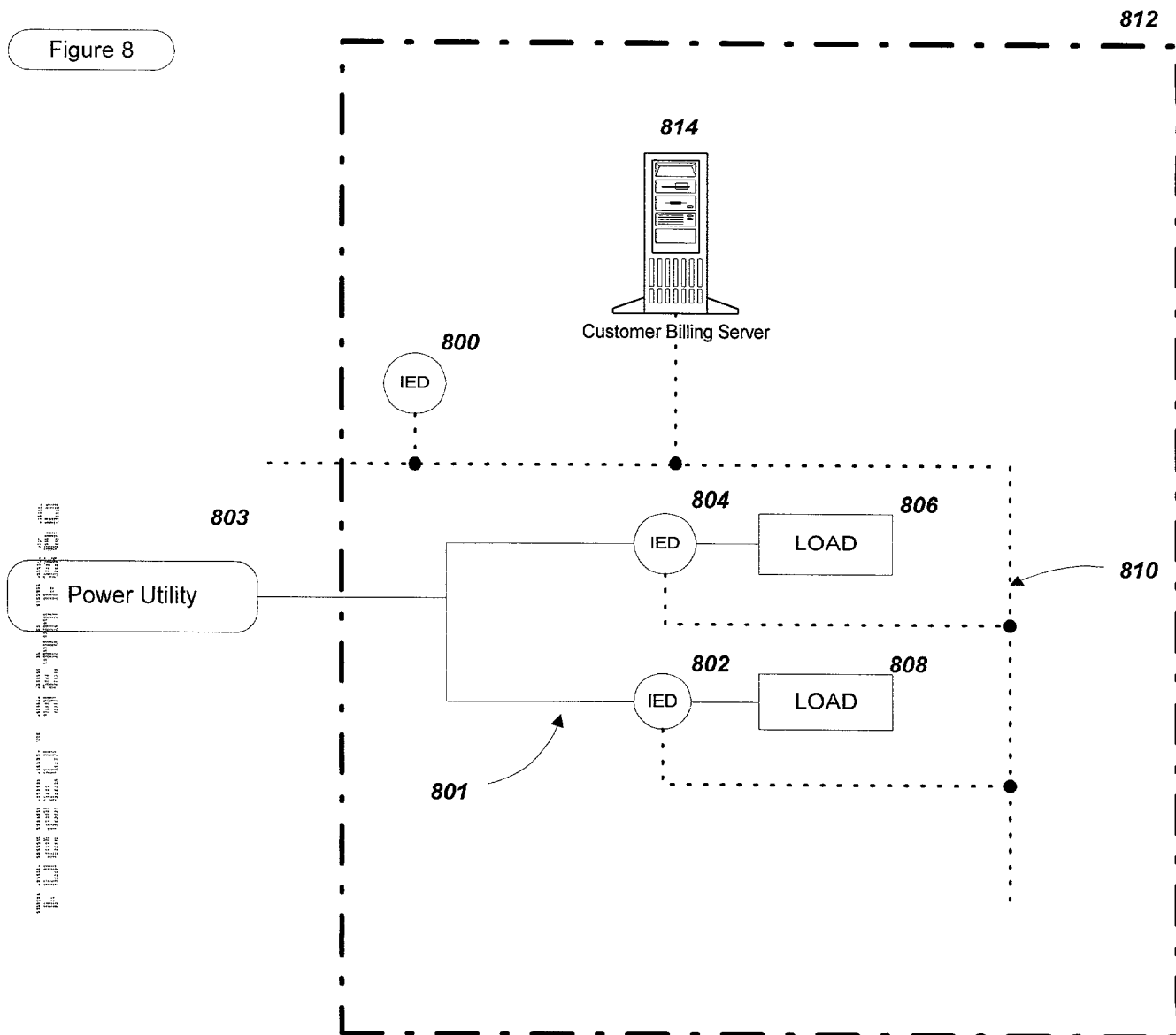


Figure 9

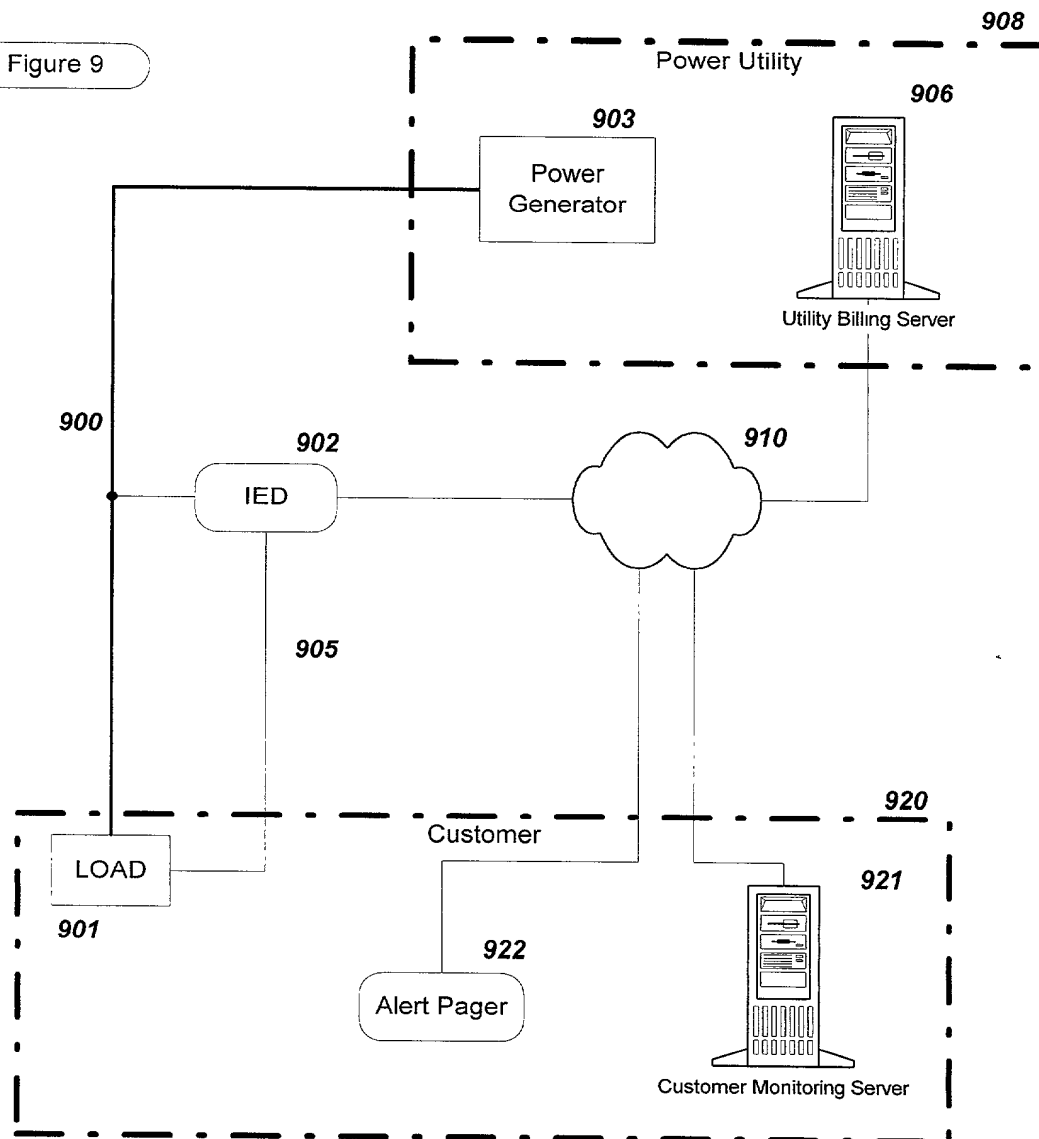
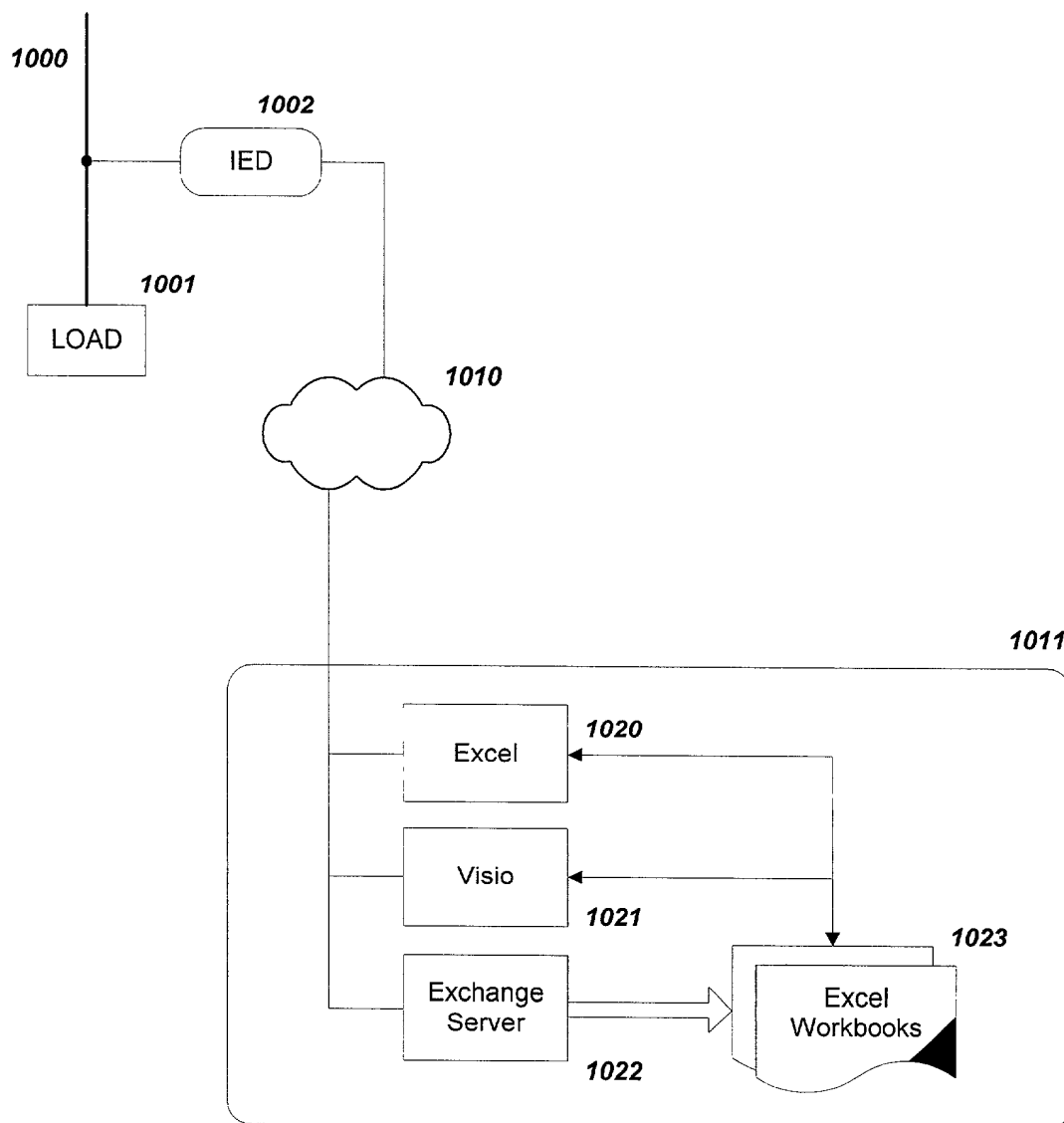


Figure 10



Site1.a8500

LABEL	VALUE
Ia	197.97
Ib	207.52
Ic	237.82
Vin c	479.28
Vin b	371.46
Vll ca	580.46
Vll ab	589.1
Vll bc	586.28
Vll avg	585.28
Vin avg	357.23
I avg	214.44
PF sign tot	-94
Freq	59
CL1 LocalTime	08:32.9

Default Diagram

VALUE

Sum of Currents:

643.31

Formula-based Setpoint:

OVER 550 Volts

Change Update Rate
Type in the number of seconds you would like between page updates and hit <RETURN>
10

Some features to implement:

Auto-detection: Excel could automatically add a worksheet (a "tab" below) when it detects a new device on the network

Complex Aggregation: Because it is Excel, you can do anything you want, easily

Logging: You could write simple scripts to log the values on the left to an Access DE

Animation: Charts, warnings, etc

Onboard logs could be displayed easily

Default diagrams: we just need to create an excel template for each device

GRAPHICAL VOLTAGES

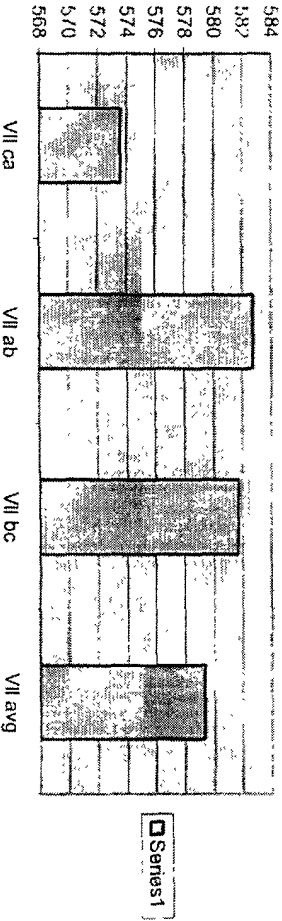


Figure 11

SCANNED

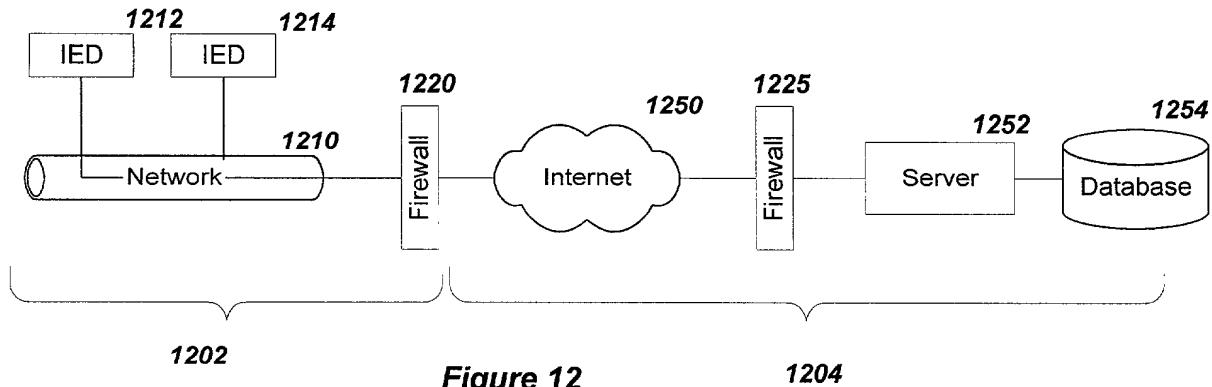


Figure 12

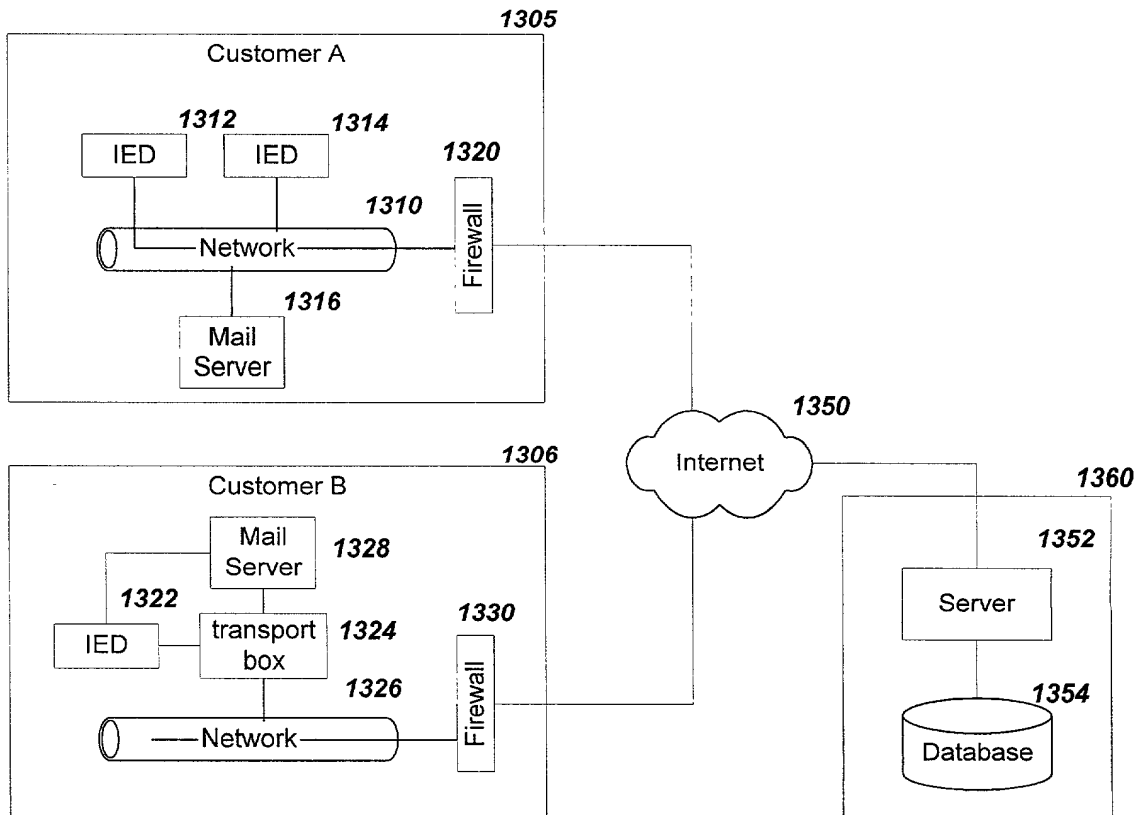


Figure 13

Patent Application For: COMMUNICATIONS ARCHITECTURE FOR INTELLIGENT ELECTRONIC DEVICES
Inventor(s): Andrew W. Blackett, Bryan J. Gilbert, John C. Van Gorp, Michael E. Teachman, Jeffrey W. Yeo
Attorney Docket No. 6270/60

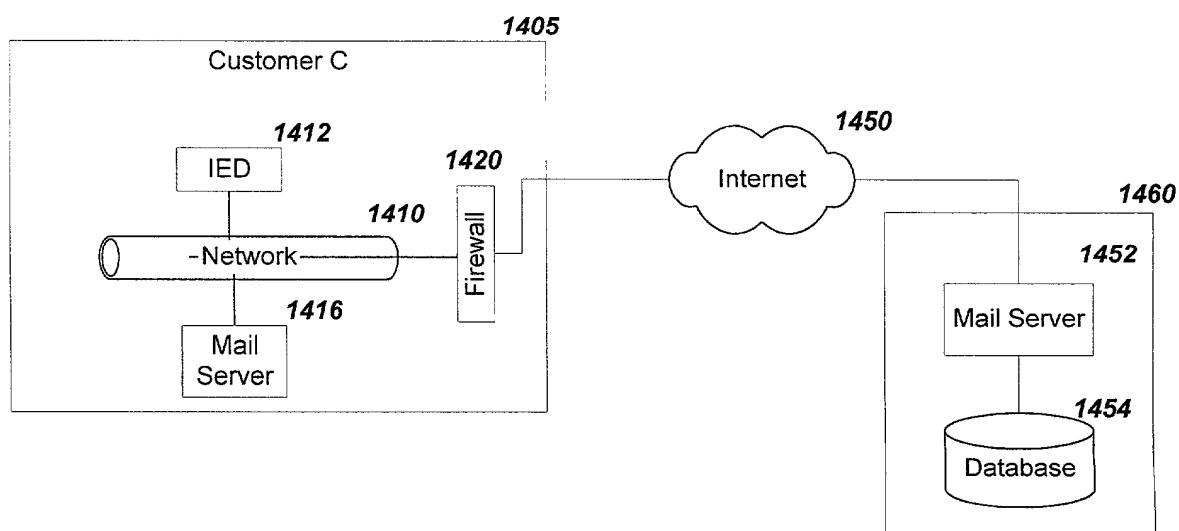


Figure 14